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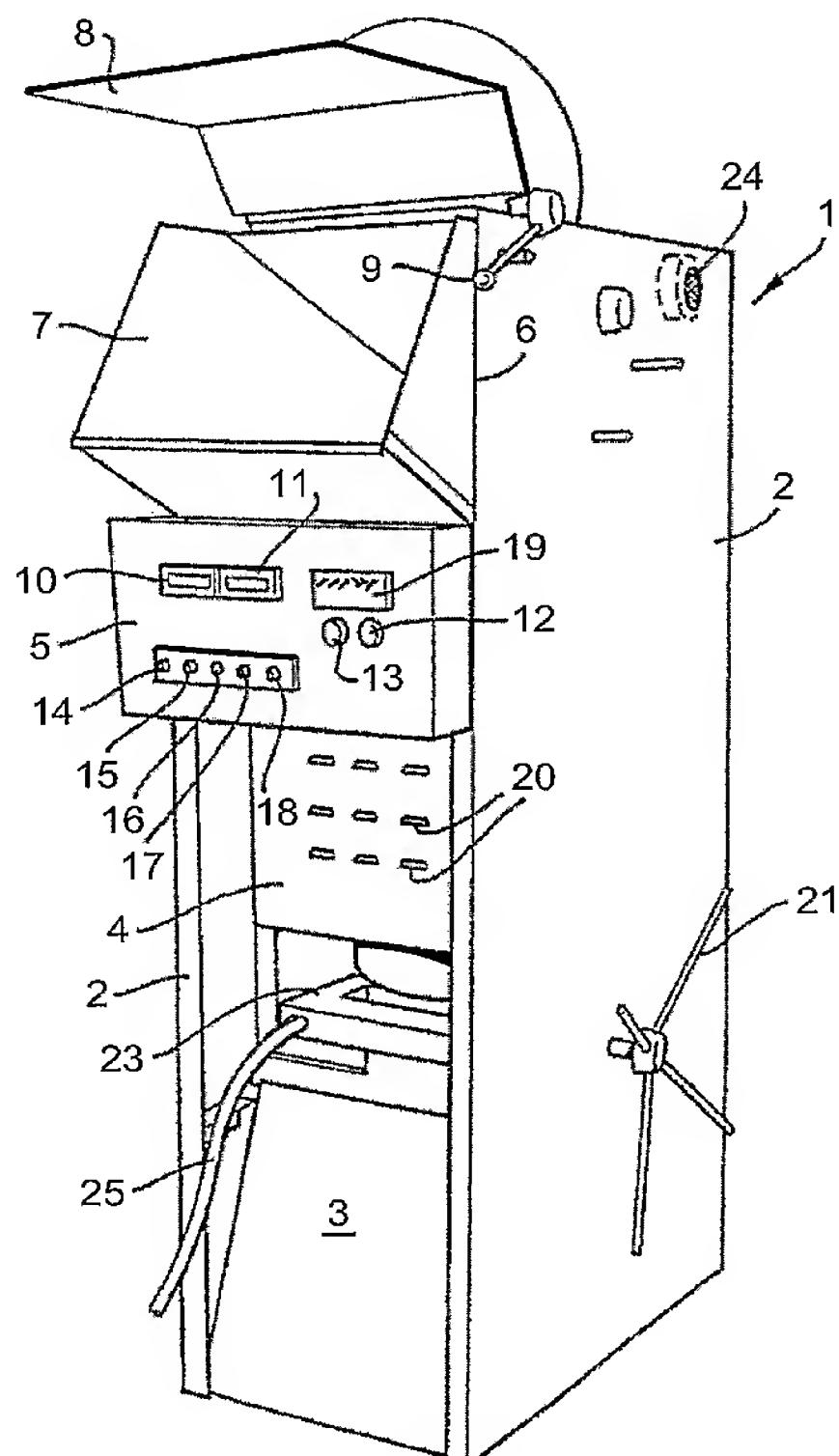
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(54) Title: TREATMENT OF PLASTIC WASTE



(57) Abstract: From one aspect, there is provided a method of treating a volume of plastics waste, the method including providing a volume of plastics waste comprising one or more plastics types, the or each plastics types having a melting point and a flash point and providing a heating zone having an entry zone through which the volume of plastics waste is feedable. The heating zone is brought to an operating temperature so as to avoid carbonisation of the plastics waste and the plastics waste is heated so that at least some of the plastics is melted to form a flowable plastics melt. The flowable plastics melt is caused to flow through the outlet under the influence of gravity into a cooling zone during which gas is allowed to escape to facilitate the flow. From another aspect there is provided an apparatus for treating a volume of plastics waste including a melt chamber defining a heating zone and heating means for heating the volume of plastics waste. The heating means includes a plurality of heating members which extend transversely to the flow of plastics waste and which are arranged to create a non-uniform thermal surface in the region of an inlet of the melt chamber.

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